



# Owners Guide

## **TIC Outdoor Receiver Amplifier AMP10 am/fm/cd/mp3/iPod/karaoke player**



### **TIC Outdoor OmniSpeakers Feature**

- Weatherproof Design
- Perfect for outdoor speaker listening without interfering with interior audio or other speaker set ups
- "Safe" 12v power supply
- Powers 4x outdoor speakers!
- Input CD, MP3 or iPod music!
- Wireless speaker capable
- 2x microphone inputs
- Outdoor Karaoke!
- AM/FM listening!
- Select pre-set radio stations
- Domestic or commercial installs
- ABS impact resistant enclosure
- LCD menu
- Black/ silver finish

## **For your records...**

Manufacturers Name:	<b>TIC Corporation</b>	Manufacture Contact:	<a href="http://www.ticcorp.com">(800) SPX-OMNI</a>
TIC Model Number:	<b>AMP10</b>	Serial Number:	_____
Dealers Name:	_____	Dealers Contact:	_____
Purchase Date:	_____	Invoice/ Receipt Number:	_____

We recommend you keep your sales receipt and warranty card together with this owners guide for safe keeping and future reference.

This TIC Product Conforms to all applicable:



**EMC/ EEC**  
Directives



One World, TIC Recycles



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Thank You for purchasing another high quality audio product from TIC Corporation. Please read the enclosed installation guidelines carefully and thoroughly to ensure years of trouble free service from your new TIC exterior audio products.

Carefully unpack your new TIC exterior product and save all packaging materials for possible future use. Check that your new TIC product contains all system parts detailed in the Components list. Do not attempt to operate, install or use your new TIC product if any components appear missing or damaged. If so, please notify TIC Corporation or your TIC Dealer as soon as possible.

**!WARNING!** to avoid possible suffocation or injury please  
keep all plastic bags away from children and pets.

## **Component List...**

- 1x AMP10 Outdoor Receiver Amplifier
- 1x AM/FM Antennae
- 1x 2.5 to 2.5mm jack plug cable
- 1x Mains to 12v power cord & transformer
- 2x Speaker connection cables
- 1x New product offer (enclosed with literature)
- 1x Owners Instruction Guide Manual
- 1x Warranty Card

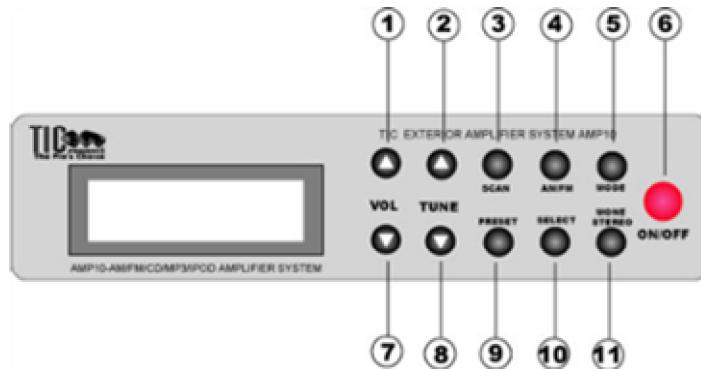


### **Need Professional Help?**

Please read this owners guide carefully before installation. Failure to follow these instructions fully or incorrect installation may damage your new TIC products and any third party equipment used in your new system installation. This may also Void any warranty for your new TIC products. If you are unsure of your ability to fully understand and fully complete the installation of this TIC product, please consult a professional installer.

*Note: TIC Corporation always recommends that you test your product and its components prior to exterior installation. Test your components near a mains power and, if required, receiver amplifier source somewhere convenient, perhaps inside. Ensure all components are working smoothly and correctly before exterior placement and operation.*

## ***Legend functions...***

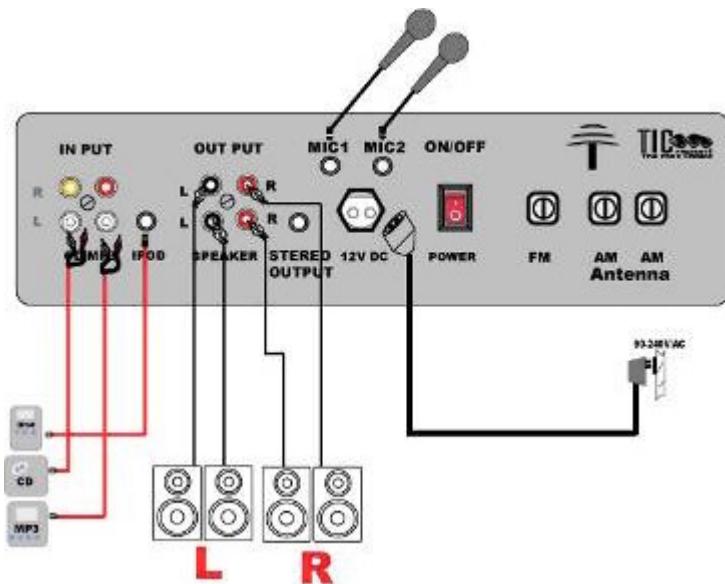


Front;

### **AMP10 Receiver Amplifier Basic Functions**

- 1 & 7 Volume increase or decrease
- 2 & 8 Radio Tuning
- 3 Scan Stations
- 4 AM or FM select
- 5 Mode
- 6 Fascia on/ off or pause
- 9 Preset Stations
- 10 Select input device
- 11 Mono or Stereo output

\*below: inputs are self described



## **WARNING!**

- There is no requirement for the customer to open this unit for any kind of operation or maintenance. Doing so will void the warranty.
- Ensure rear main power switch is in the “off” position when not in use.
- Keep the unit away from high temperatures, excessive water, chlorinated solvents or enclosed areas that prevent natural air flow cooling or excessive dirt and particulate matter.
- Avoid any shocks, high vibration or sudden impacts or collisions to the unit.
- The AMP unit is weatherproof to a certain point and not expected to be exposed to excessive moisture.
- The 12v power connection at the unit is fairly water tight however the mains power 3-prong plug is not, anymore than other exterior devices like your electric lawnmower or other electrical exterior use equipment. Please take precautions.

## **Pre-Installation...**

1. Carefully unpack your new AMP10 receiver Amplifier and check all supplied components carefully
2. TIC always recommends that our customers test their new purchase prior to any exterior installation to ensure their familiarity with the units basic operation before installation
3. Once you have tested your new TIC product to ensure everything is working properly prior to exterior installation, please find a safe, level and stable surface on which to operate you new receiver amplifier

### *Disclaimer;*

TIC Corporation will in no way be held responsible for the improper or unsecured installation of this product. Any and all damage arising from the installation or use of this product is the purchaser and final installer's sole responsibility.

### ***An Important note on Polarity!***

Pleasure proper polarity when connecting your new TIC outdoor speakers. This is very important and will result in poor sound reproduction and possibly equipment damage if not connected correctly. This is normally avoided by ensuring + to + and – to – or as sometimes color coded Red to Red and Black to Black from your amplified source to your speakers respectively.

## **Exterior Installation...**

This TIC AMP10 exterior receiver amplifier can connect to and operate three different sound sources at any one time.

Step by step...

1. Installation of your amplifier should consider a safe, off the ground, dust free position not too far from a mains outlet and not exposed to excess water, dust, particulate matter or human traffic conditions
2. Connect any pre-run outdoor speakers or output devices to your AMP10 receiver amplifier
3. Connect any input devices such as your CD/ MP3/Ipod players etc. to your AMP10 receiver amplifier
4. Connect the rear 12v power cable to your AMP10 and then tighten the connection securely.
5. Connect the rear cable to the supplied 12v transformer.
6. Connect the power mains cable to the 12v transformer and then to the wall mains 120/110v. Please be especially cautious with the integrity of this connection to dangerous mains power. Ensure its in a safe and dry environment.
7. Switch the unit "on" using the rear silicone material clear covered rocker switch
8. Switch the unit "on" using the front fascia on/off/ pause push switch
9. Choose your listening "Mode". Note: the unit is factory preset in Radio mode to begin initially
10. Select desired input device CD, MP3 or radio/ mic's input/ output
11. Test the unit using as many "modes" of operation as you can to ensure a correct trouble free exterior installation

**Sit back & Enjoy!**

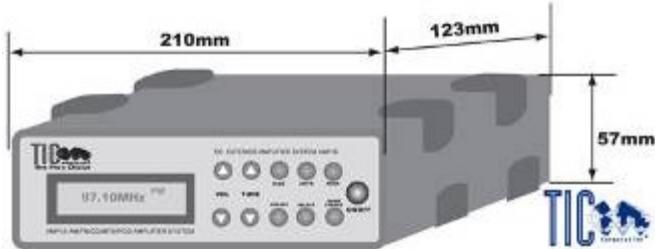
**TIC Corporation wishes you many years of pleasure  
from your new TIC Corporation exterior audio product**



**Enjoy a Quality Outdoor Music Room!**

## **General Operation...**

- **Power** the unit “on” by using both the rear silicone covered rocker switch and then the front fascia touch switch the unit will default to FM receiving mode. You may then use the **Mode** switch to cycle to a different sound source.
- **Volume**; press **Vol+** or **Vol-** to control Volume. Press and hold down to continuously change volume levels
- **Pause**; press the **on/off** switch which will first cycle through **Pause** or **Play**
- **Switching Mode(s)**; Initially the unit is in Radio receiving Mode. The front panel LCD screen will show FM/AM. Simply press the **Mode** button to switch to “**Aux**”. When choosing CD the display will show CD. Press the Mode button again to switch to the input source you desire
- **Radio**; while receiving press and hold the **Tune+** or **Tune-** buttons and again to stop auto searching
- **Radio Station Settings**; press the **Tune+** or **Tune-** to change one frequency at a time (FM: 0.5mHz, AM: 9kHz)
- **FM/AM** selection; press the **AM/FM** button to switch between bands
- **Automatic Radio Station Searching**; press the **Scan** button to initiate automatic station searching mode. There will be a slight pause as a station is found. Press any button to exit
- **Radio Stations Preset Memory**; when listening to your am/fm radio, to save the current radio station your enjoying, press the **Preset** button to initiate station storage. On the display it will show “CH01”. Press the **Tune+** or **Tune-** to select which number preset you prefer.  
There are 30 channels to choose from in both the AM and FM bands.  
To exit this selection process, simply press the **Select** button. If the system remains idle it will also automatically exit this function
- **Select Preset Station(s)**; while listening to your radio, press the **Select** button and the LCD display will show “CHXX”. The CHXX shown will represent the current preset channel. Press the **Tune+** or **Tune-** to select from your pre stored radio stations. Press the **Select** button again to exit from your selections
- **Karaoke**; please simply plug your microphones in and enjoy!



## **Maintenance...**

Occasional maintenance of your TIC products cannot hurt and may help greatly. Inspect the installation area regularly removing and twigs, dirt or particulate matter from impeding or building up around the unit or the output grill area. The units may be cleaned using very mild detergents like dishwashing liquid if desired. A hose with clean water may also be used but please avoid using high pressure or forcing water into the grill or acoustic ports.

In very cold climates with moderate to heavy snowfall an old trick from the major theme parks we supply world wide is to place a plastic bag over the unit for the winter or periods it may be not in use or under such snowfall.

## **Customer Service...**

For any additional help please contact TIC Corporation at (800) SPX-OMNI, on line at [www.ticcorp.com](http://www.ticcorp.com) , or by email at [info@ticcorp.com](mailto:info@ticcorp.com) where we would be happy to assist you at any time. Also please visit our website for FAQ (frequently asked questions) and full contact information.

## **Warranty Period...**

TIC Corporation offers a full, UCC approved, one year full parts and labor warranty on all its products as standard however there are other 3 and 5 year warranties in use with various TIC authorized Dealers world wide. Please check your enclosed Warranty card or your Dealer receipt to find out which one applies to you. Also please note TIC Corporation General Terms & Conditions posted on our website at [www.ticcorp.com](http://www.ticcorp.com) for further information.

## **Installation Notes...**

*Some notes on your new AMP10 outdoor receiver amplifier...*

Problem	Cause	Correction
Power on but the LCD screen does not display?	Power plug is incorrectly connected Output device wire is incorrectly connected	Check and secure the power connections Check and secure the output devices connections
No Sound?	Choose a suitable sound source The Speaker connection is unsecured	Use the Mode button to choose an operating sound source Check and secure the connection(s)



## **Trouble Shooting...** (general output devices, speakers)

Problem	Please Check
No Sound	<ul style="list-style-type: none"><li>• Check the speakers are connected to the cable correctly.</li><li>• Check the speaker cable is connected to the receiver amplifier correctly.</li><li>• Check the receiver amplifier is powered “on” at the mains, is not on “mute”, has no headphones attached and that the Channels used for the exterior speakers (usually A or B) is in operation.</li><li>• Refer to the owners guide that came with your receiver amplifier.</li><li>• Most initial problems are connectivity, please try a different connection cable to your outdoor speakers or equipment.</li></ul>
No Sound from one speaker	<ul style="list-style-type: none"><li>• Check the “balance” control on your receiver amplifier.</li><li>• Check <u>all</u> connections and cable to the inoperable speaker.</li><li>• 1. Disconnect the “working” speaker from the receiver amplifier connection/ channel. Switch the cord from the non-operating speaker from its current connection to the “working” speaker connection. If the speaker now works the problem is your receiver amplifier.</li><li>• 2. Reconnect as original. Remove the speaker cable at the “working” speaker directly and connect it directly to the non-working speaker. If the speaker now works the problem is somewhere in the original speaker cable.</li><li>• 3. If the speaker still does not work the problem is the speaker.</li></ul>
One speaker sounds distorted, lower volume or “different”	<ul style="list-style-type: none"><li>• Follow same procedure as above for “No Sound”.</li></ul>
Treble or Bass	<ul style="list-style-type: none"><li>• Check the “tone” setting on your receiver amplifier.</li><li>• Adjust the Treble and Bass settings on your receiver amplifier.</li><li>• Check the connections carefully from the amplifier to your speakers and ensure correct Phase (+ to + and – to – accordingly). Poor sound replication is expected from a speakers or speakers out of polarity or phase.</li></ul>

## **TIC AMP10 Outdoor Receiver Amplifier General Specifications**

Power Supply	110V/DC 12V 4A
AM/FM Tunable frequency range	FM:87.00MHz-108.00MHz AM:522KHz-1620KHz
Tunable S/N	FM 75dB AM 41dB
Continuous/peak	2.5W/5.0W
Frequency Response	40HZ-16KHZ
AMP S/N	>80dB
Sensitivity	1W/1m:80dB
Impedance	4-8ohm
Input	AM/FM built in, CD/MP3/other to phono, ipod/mics/ wireless to jack
Output	4x speakers
Supplied	Waterproof connector
Color	Black
Unit Dimensions	7.9”L×4.7”W×2.2”H
Unit Weight	2.6lbs
Pack Dimensions	16.1”W×15.0”L×13.4”H(24PCS)
Pack Weight	64lbs(24PCS)
UPC	7 35120 50000 9
Master Carton	8pc.

*TIC Corporation engages in continual product research and development, new materials, production methods and design improvements. TIC Corporation therefore, reserves all rights to change or improve products specifications without notice.*

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